

Table 424.—Percent of workers, 18 years old and over, using computers on the job, by type of computer application and selected characteristics: 1993, 1997, and 2001

Selected characteristics	Percent using computers at work, 1993	Percent using computers at work, 1997	2001									
			Percent using computers at work	Number using computers at work, in thousands	Percent of on-the-job computer workers using specific computer applications ¹							
					Spread-sheets/ data-bases	Inter-net/ email	Cal-endar/ sched-ule	Graphics/ design	Pro-gram-ming	Word proc-essing/ desktop pub-lishing	Other uses	Using 4 or more cat-egories
1	2	3	4	5	6	7	8	9	10	11	12	13
Total	45.8	49.8 (0.2)	54.2 (0.2)	71,782	62.5	72.2	53.2	28.9	15.3	67.2	13.0	43.9
Age												
18 to 24	34.4	37.1 (0.7)	37.8 (0.6)	6,592	53.7	58.2	47.5	21.3	12.7	55.1	13.5	32.2
25 to 29	48.3	52.5 (0.7)	56.3 (0.7)	7,871	65.9	73.7	54.9	28.6	17.2	67.5	12.6	46.3
30 to 39	50.7	53.3 (0.5)	58.4 (0.5)	19,266	66.5	75.0	56.6	31.5	17.4	69.5	12.3	48.2
40 to 49	51.3	54.9 (0.5)	58.6 (0.5)	20,663	63.6	73.5	54.9	30.4	15.9	68.8	12.6	45.7
50 to 59	43.9	50.7 (0.6)	57.4 (0.6)	13,346	61.2	74.0	51.3	29.2	12.5	69.1	13.4	43.2
60 or older	27.2	32.6 (0.9)	42.2 (0.9)	4,045	50.1	65.7	40.2	20.8	12.3	61.0	16.4	31.5
Educational attainment and sex												
Not high school completer	10.0	11.9 (0.5)	16.0 (0.5)	2,243	43.9	45.7	40.9	15.4	10.9	44.8	21.1	21.8
High school completer	34.2	36.4 (0.4)	38.8 (0.4)	16,172	52.7	58.3	45.7	19.3	11.2	54.2	14.5	30.0
Some college	50.4	53.6 (0.5)	55.8 (0.5)	15,012	59.3	67.0	49.8	25.6	13.7	62.1	13.2	38.4
Associate degree	58.2	60.7 (0.8)	62.0 (0.8)	7,482	57.6	66.4	51.0	25.8	15.0	60.9	15.0	37.9
Bachelor's degree	68.8	73.9 (0.5)	80.3 (0.4)	20,102	72.6	84.1	60.1	36.5	18.5	77.3	10.9	56.2
Master's degree	71.2	78.7 (0.8)	85.0 (0.7)	7,423	72.1	86.8	61.0	41.0	19.4	84.8	9.9	60.1
Doctor's or professional degree	66.9	74.6 (1.2)	82.5 (1.0)	3,348	65.8	88.2	58.1	33.2	17.7	81.9	14.4	54.4
Male												
Not high school completer	8.5	9.8 (0.5)	12.9 (0.6)	1,140	43.1	50.2	39.0	16.9	12.4	40.2	19.8	20.9
High school completer	24.2	27.1 (0.5)	29.3 (0.5)	6,545	50.0	57.9	44.8	21.4	15.1	45.4	16.2	29.3
Some college	42.8	46.0 (0.7)	50.0 (0.7)	6,780	59.6	67.6	49.8	27.8	17.5	56.1	14.0	39.2
Associate degree	52.6	55.2 (1.2)	57.5 (1.1)	3,285	60.3	70.7	50.9	29.1	21.8	57.0	13.8	41.1
Bachelor's degree	69.8	74.3 (0.7)	79.7 (0.6)	10,536	76.6	87.2	64.0	39.5	24.7	76.3	10.4	60.7
Master's degree	75.4	79.8 (1.1)	85.0 (0.9)	3,881	78.0	89.8	65.7	42.9	25.3	83.2	9.2	65.6
Doctor's or professional degree	66.5	73.4 (1.4)	81.9 (1.2)	2,279	67.8	89.0	60.5	34.4	19.7	81.5	13.9	55.8
Female												
Not high school completer	12.5	15.4 (0.8)	21.3 (0.9)	1,103	44.8	41.1	43.0	14.0	9.5	49.6	22.3	22.8
High school completer	45.2	46.9 (0.6)	49.7 (0.6)	9,627	54.6	58.5	46.4	17.9	8.5	60.3	13.3	30.4
Some college	58.6	61.5 (0.7)	61.8 (0.7)	8,232	58.9	66.6	49.9	23.9	10.6	67.0	12.6	37.8
Associate degree	63.7	65.4 (1.0)	66.0 (0.9)	4,196	55.5	63.1	51.1	23.2	9.6	64.0	15.9	35.4
Bachelor's degree	67.6	73.5 (0.7)	81.0 (0.6)	9,566	68.2	80.7	55.9	33.2	11.8	78.5	11.4	51.4
Master's degree	66.5	77.5 (1.1)	85.0 (0.9)	3,542	65.5	83.5	55.8	38.8	12.9	86.5	10.6	54.1
Doctor's or professional degree	68.2	77.6 (2.1)	84.0 (1.6)	1,069	61.7	86.3	52.9	30.5	13.5	82.7	15.4	51.5
Race/ethnicity												
White, non-Hispanic	48.7	53.8 (0.3)	59.0 (0.3)	57,160	63.2	73.2	53.2	29.4	14.9	67.8	13.2	44.6
Black, non-Hispanic	36.2	40.0 (0.7)	43.8 (0.7)	6,460	57.1	67.2	54.0	26.4	16.0	62.8	13.0	39.9
Hispanic	29.3	30.2 (0.8)	32.4 (0.8)	4,730	58.1	61.9	49.8	22.9	12.6	64.2	11.7	36.7
Asian, Pacific Islander	—	—	56.8 —	3,012	67.2	77.9	56.2	32.8	24.7	68.5	11.4	51.2
American Indian, Alaska Native	—	—	45.5 —	419	62.3	76.2	59.5	33.1	22.9	70.0	14.4	47.3
Occupational group												
Managerial and professional specialty	67.7	74.6 (0.4)	79.7 (0.3)	33,357	70.3	82.7	60.8	37.2	18.6	78.3	11.0	56.0
Executive, administrative, and managerial	72.3	77.5 (0.5)	80.4 (0.5)	16,289	77.0	83.5	65.3	34.5	16.6	79.0	9.4	58.7
Professional specialty occupations	68.3	71.7 (0.6)	79.0 (0.5)	17,069	63.9	81.9	56.5	39.9	20.5	77.7	12.5	53.4
Teachers, except college and university	49.1	60.3 (1.2)	72.0 (1.0)	3,957	58.2	78.3	50.0	42.8	11.6	85.0	11.3	49.9
Teachers, college and university	72.5	79.9 (2.2)	88.7 (1.7)	909	72.7	94.1	50.4	46.9	25.6	92.1	17.0	64.8
Technical, sales, and administrative support	65.5	79.1 (0.4)	68.1 (0.4)	25,808	60.0	67.7	48.7	22.5	12.5	62.9	13.0	37.1
Technicians and related support	69.9	75.1 (1.1)	75.0 (1.1)	3,443	59.3	70.4	52.4	29.3	26.9	58.6	14.3	41.9
Sales occupations	48.8	54.8 (0.7)	59.3 (0.7)	9,037	60.6	70.1	49.2	25.8	11.2	60.4	14.2	39.5
Administrative support, including clerical	76.7	77.6 (0.5)	73.8 (0.6)	13,328	59.7	65.3	47.4	18.6	9.6	65.7	11.9	34.2
Service occupations	14.7	16.4 (0.5)	23.8 (0.6)	4,090	44.8	52.5	46.9	17.8	9.1	53.8	17.9	26.2
Precision production, craft, and repair	23.2	25.0 (0.6)	30.0 (0.7)	4,440	51.6	59.9	45.4	23.7	17.5	46.5	17.5	30.8
Operators, fabricators, and laborers	14.9	17.3 (0.5)	19.7 (0.5)	3,423	41.2	43.2	32.6	17.0	9.6	35.5	20.7	18.5
Farming, forestry, and fishing	8.5	9.3 (0.9)	19.5 (1.2)	664	61.0	67.7	43.5	21.6	10.8	60.9	12.3	31.3
Family income²												
Less than \$20,000	25.1	26.7 (0.5)	28.0 (0.7)	3,780	49.0	52.8	40.6	21.2	11.2	51.9	19.4	27.6
\$20,000 to \$29,999	38.4	38.4 (0.6)	37.5 (0.7)	4,914	51.5	59.7	42.0	21.3	11.2	56.1	19.3	30.5
\$30,000 to \$39,999	45.7	45.8 (0.6)	47.3 (0.7)	6,792	56.5	63.1	44.9	23.9	13.0	60.8	15.9	35.3
\$40,000 to \$49,999	51.9	52.3 (0.7)	52.3 (0.8)	6,430	58.8	68.4	50.5	27.3	13.9	62.9	14.3	39.3
\$50,000 to \$74,999	60.6	59.9 (0.5)	60.8 (0.5)	16,081	63.2	71.6	52.5	28.9	15.7	66.1	12.7	43.2
\$75,000 or more	65.9	69.7 (0.5)	73.4 (0.4)	24,874	69.9	81.8	61.1	33.7	17.7	75.4	10.3	53.9
Income not reported ³	—	—	47.0 (0.6)	8,911	59.7	70.9	51.9	28.0	14.7	67.1	11.7	41.7

—Not available.

¹ Individuals may be counted in more than one computer activity.² Data for 1993 and 1997 excludes persons whose income data were unavailable.³ Includes survey respondents who did not know income, left the question blank, or refused to provide income information.

NOTE: Data are based on a sample survey of households and are subject to sampling and nonsampling error. Standard errors appear in parentheses.

SOURCE: U.S. Department of Commerce, Bureau of the Census, Current Population Survey, October 1993, October 1997, and September 2001, unpublished data. (This table was prepared September 2002.)